

## METHOD AND APPARATUS FOR INTERLEAVING MULTIPLE FRAMES OF DATA

5

### ABSTRACT OF THE DISCLOSURE

A method and apparatus for interleaving multiple frames of data as disclosed provide for an extremely streamlined approach to achieving both methods of interleaving as defined in the IS-2000 standard while meeting the complex requirement of frame puncturing. Output addressing is directly driven by a PN index or a counter locked to the reverse link timing, it is a simple manner of range selection to achieve all possible configurations required in the IS-2000 standard. Puncturing of sub-20ms frames is also easily accomplished by using a single contiguous memory and interleaver engine that resides in the input side of the interleaver memory.